# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 28 Nov 2023 until 23:59 on Wednesday 29 Nov 2023

Forecast Issued on Tuesday 28 Nov 2023 at 03:47

**Confidence:** High for a period of cold or very cold conditions. Medium for details around snow or snow showers.

**Headline for Tuesday 28 Nov 2023:** Mainly dry, cold and bright. Patchy light snow possible at first and later.

**Mountain weather hazards on Tuesday 28 Nov 2023**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>Medium Likelihood | **Poor visibility**<br>Low Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Light snow showers (night) | Sunny | Sunny | Cloudy | Partly cloudy (night) | Clear night |
| Precipitation probability | | | | | |
| 30% | <05% | <05% | 20% | 20% | <05% |

**Forecast for Tuesday 28 Nov 2023**

**Weather:** Cloudy initially with patchy rain and summit snow showers, possibly making for some icy surfaces around dawn. Any mist of freezing fog patches in dales will likely be slow to clear, otherwise a dry and bright day with long sunny spells. Thickening cloud could bring a few snow flurries or patchy light snow late afternoon into the early evening, with skies then mostly clear again overnight. Northerly winds strengthening later in the day.

**Chance of cloud-free hill tops above 600m:** 40% initially, soon increasing to 90%. Briefly lowering late afternoon to 60%.

**Low Cloud and visibility:** Areas of cloud with bases around 600m this morning will soon clear away to the south. Patchy cloud may briefly obscure some higher summits as fog lifts clear of dales and dissipates. Then skies largely clear. Bases in any wintry showers this afternoon may lower to 600-800m before skies clearing again overnight. Visibility mostly very good or excellent, although poor or very poor in snow showers, mist and freezing fog patches.

Check our weather forecast every day to get the most accurate and up to date information
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# Mountain Weather Forecast

**Forecast for Tuesday 28 Nov 2023**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 5/7 NW | 5/11 NW | 7/10 W | 9/13 W | 15/21 W | 20/27 NW | 18/25 N |
| **300** | 4/8 NW | 4/11 NW | 5/12 NW | 4/12 W | 4/12 NW | 7/17 NW | 6/17 N |
| **Valley** | 2/6 N | 3/7 N | 1/5 NW | 2/6 W | 3/10 NW | 3/11 N | 3/11 N |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | -0/-3 | -0/-3 | 0/-3 | 0/-4 | -1/-7 | -2/-7 | -3/-10 |
| **300** | 0/-2 | 0/-2 | 3/1 | 2/0 | 0/-2 | -0/-4 | -2/-6 |
| **Valley** | -0/-2 | 2/0 | 4/3 | 4/3 | 1/-1 | 0/-2 | -2/-4 |
| **Freezing Level*** | 400m | 400m | 500m | 500m | 400m | 200m | 00m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Temperatures remaining close to, or below freezing across many routes with significant wind chill into the evening as winds strengthen. Some icy patches possible following any showers.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 03:00 on Tue 28 Nov 2023 | 11.4mm | 12mm | 12.2mm |

**Forecast for Wednesday 29 Nov 2023**

**Weather:** Mainly dry and clear at night with widespread frost. Any freezing fog patches that form in sheltered dales will once again be slow to clear, with a slight chance of persisting throughout. Mostly sunny otherwise with skies remaining largely clear into the evening. Cloudier towards midnight with snow fall possible to low levels across the Dales.

**Maximum wind:** North 15-20 mph gusting 20-30 mph, soon easing 10mph.

**Chance of cloud-free hill tops above 600m:** 80%, lowering from the northeast to 60% towards midnight.

**Low Cloud and visibility:** No significant low cloud expected during the day, other than fog banks obscuring lower slopes as it lifts and dissipates. Cloud bases may lower from the northeast to around 600m with the arrival of wintry showers. Visibility very good or excellent, although very poor in any valley freezing fog and poor in late wintriness.

**Temperature:** **Valleys:** Minus 2 rising to Plus 4 Celsius around the middle of the day.
**At 600m:** Minus 2 to Minus 5 Celsius
**Freezing level:** Most levels, perhaps rising to 300m around the middle of the day.

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